

## Message Text

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PAGE 01 STATE 059863  
ORIGIN ERDA-07

INFO OCT-01 EUR-12 EA-07 ISO-00 OES-06 ACDA-07 SS-15 NSC-05  
EB-08 TRSE-00 NRC-05 FEA-01 CIAE-00 INR-07 NSAE-00  
DODE-00 L-03 IGA-02 /086 R

DRAFTED BY U.S. ERDA/AIA/IRDP: A N TARDIFF  
APPROVED BY OES/NET/IM: D B HOYLE  
U.S. ERDA/AIA: J VANDERRYN  
ACDA: D OYSTER  
EUR/RPE: P LAASE  
EA/J: S ECTON  
OES/NET: L NOSENZO  
EA/J: SACTON

-----180208Z 097311 /20

P 172326Z MAR 77  
FM SECSTATE WASHDC  
TO AMEMBASSY PARIS PRIORITY  
AMEMBASSY BONN PRIORITY  
AMEMBASSY BRUSSELS PRIORITY  
AMEMBASSY TOKYO PRIORITY  
AMEMBASSY LONDON PRIORITY

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E.O. 11652:N/A

TAGS:TECH,ENRG, FR,BE, JA,UK, FRG

SUBJECT: LMFBR/LWR POWER COSTS

1. FOLLOWING INFO URGENTLY NEEDED BY TASK FORCE FORMED BY  
WHITE HOUSE TO REVIEW U.S. LMFBR PROGRAM:

2. ESTIMATED CAPITAL COST AND POWER COSTS OF AN LMFBR  
VERSUS AN EQUIVALENT LWR DURING TIME WHEN BOTH ARE  
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PAGE 02 STATE 059863

COMPETING COMMERCIALLY WITHIN RESPECTIVE COUNTRY.  
ESPECIALLY DESIRABLE TO OBTAIN SUCH AN ESTIMATED PRO-  
JECTION FROM FRANCE, UK, FRG, AND JAPAN.

3. RECOGNIZING PROJECTING ENVIRONMENTAL CONSTRAINTS,  
TECHNOLOGY AND ECONOMICS ARE DIFFICULT ESPECIALLY FOR  
LMFBR, ESTIMATES OF THE RANGE OF UNCERTAINTY FOR PRO-

SECTION ARE DESIRABLE.

4. IF REQUESTED INFO NOT AVAILABLE, A RATIO OR PERCENT DIFFERENCE WITH EXPLANATORY NOTES WILL SUFFICE. ALSO IDENTIFY SOURCE OF INFORMATION.

5. THIS STUDY IS DIRECTED TOWARD THE U.S. DOMESTIC LMFBR

PROGRAM AND, IN PARTICULAR, THE CLINCH RIVER BREEDER REACTOR. IT WILL ASSESS THE ROLE OF THE LMFBR IN THE U.S. ENERGY FUTURE AND THE TIMING AND PACE OF THE PROGRAM. IT WILL NOT REPEAT NOT DIRECTLY CONSIDER INTERNATIONAL ISSUES RELATED TO THE LMFBR, ALTHOUGH POSSIBLE DANGERS OF NUCLEAR PROLIFERATION FROM PLUTONIUM PROCESSING NEEDED BY LMFBR'S WILL BE INCLUDED.

6. IN VIEW POSSIBLE SENSITIVITY BY HOST GOVERNMENT THAT U.S. MIGHT BE PLANNING TO USE REQUESTED DATA TO DEMONSTRATE THAT LMFBR DEVELOPMENT NOT NEEDED AND UNDESIRABLE FROM NON-PROLIFERATION STANDPOINT, ADDRESSEES SHOULD USE INFORMATION ALREADY AVAILABLE TO THEM INsofar AS POSSIBLE. TO EXTENT INQUIRIES MADE, THEY SHOULD BE LOW-KEY AND AT TECHNICAL LEVEL.

7. PLEASE CABLE INFO OR NEGATIVE REPLY NO LATER THAN MARCH 25.  
CHRISTOPHER

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** ENERGY, PROGRAMS (PROJECTS)  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 17-Mar-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977STATE059863  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** A N TARDIFF  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770092-0689  
**Format:** TEL  
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**Legacy Key:** link1977/newtext/t19770348/aaaabpwu.tel  
**Line Count:** 88  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** aa067db6-c288-dd11-92da-001cc4696bcc  
**Office:** ORIGIN ERDA  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 07-Mar-2005 12:00:00 am  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 3073845  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** LMFBR/LWR POWER COSTS  
**TAGS:** TECH, ENRG, FR, BE, JA, UK, GE  
**To:** PARIS BONN MULTIPLE  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/aa067db6-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
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